



Hydrographic Services and Standards Committee

Report of the ENC WG

To HSSC 7

November 2015

Principal activities and achievements

- ✦ Publication of S-52 edition 6.1.1
- ✦ Publication of Presentation Library edition 4.0.1
- ✦ Publication of S-64 edition 3.0.1



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IHO updates ECDIS standards Featured

Wednesday, 08 July 2015 | Electronics & Navigation



The International Hydrographic Organization (IHO) has published new versions of some of its ECDIS Standards, reviewed and updated to reflect lessons learned from earlier reports of unexpected chart behaviour in some ECDIS.

The updated versions of the Standards aim to ensure that all identified ambiguities and inconsistencies relating to the display of Electronic Navigational Charts (ENCs) in ECDIS have been resolved.

Specifically, the IHO has published new editions for: IHO Specifications for Chart Content and Display Aspects of ECDIS (S-52 Edition 6.1); IHO Presentation Library (S-52 Annex A Edition 4.0); IHO Test Data Sets for ECDIS (S-64 Edition 3.0); and IHO Data Protection Scheme (S-63 Edition 1.2).

"One of the biggest benefits of upgrading ECDIS systems to the latest S-52 Presentation Library will be a reduction in the number of audible alarms triggered by ECDIS, helping ease the issue of alarm fatigue on the bridge, whilst still maintaining safety at sea," said Thomas Mellor, chairman of the IHO ENC Standard Maintenance Working Group responsible for S-52, the IHO Standard for the display of ENCs in ECDIS.

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Problems or outstanding issues

- ✦ During implementation of S-52 and S-64 ECDIS manufactures have identified a number of issues requiring attention.
- ✦ A consolidated list is being compiled and is hosted on the IHO website
- ✦ All comments will be reviewed at the next ENC WG meeting



Problems or outstanding issues

- ✦ Time line for retirement of S-52 needs to be reviewed



Future work programme

- ✦ S-58 edition 5.1
- ✦ Validation test data
- ✦ Software approval process



HSSC is invited to

- ✦ Endorse the IHO ENC WG report
- ✦ Note that there will be future amendments to S-52 and S-64
- ✦ IHO members are requested to make their national administrations aware of the updates to IHO standards and their impact on ECDIS
- ✦ Note the need to set an in force date for S-58

